

**FORSPAN ASSESSMENT MODEL FOR CONTINUOUS  
ACCUMULATIONS--BASIC INPUT DATA FORM (NOGA, Version 8, 8-16-02)**

**IDENTIFICATION INFORMATION**

Assessment Geologist:...	S.M. Condon	Date:	9/24/2002
Region:.....	North America	Number:	5
Province:.....	San Juan Basin	Number:	5022
Total Petroleum System:..	Mancos-Menefee Composite	Number:	502203
Assessment Unit:.....	Mesaverde Central-Basin Continuous Gas	Number:	50220361
Based on Data as of:.....	PI/Dwights 2001		
Notes from Assessor:.....			

**CHARACTERISTICS OF ASSESSMENT UNIT**

**Assessment-Unit type:** Oil (<20,000 cfg/bo) or Gas (≥20,000 cfg/bo) Gas

**What is the minimum total recovery per cell?...** 0.02 (mmbo for oil A.U.; bcfg for gas A.U.)

Number of tested cells:..... 6667

Number of tested cells with total recovery per cell ≥ minimum: ..... 6478

Established (>24 cells ≥ min.) X Frontier (1-24 cells) ..... Hypothetical (no cells) .....

Median total recovery per cell (for cells ≥ min.): (mmbo for oil A.U.; bcfg for gas A.U.)

1st 3rd discovered	<u>2.1</u>	2nd 3rd	<u>1.6</u>	3rd 3rd	<u>0.5</u>
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**Assessment-Unit Probabilities:**

<u>Attribute</u>	<u>Probability of occurrence (0-1.0)</u>
1. <b>CHARGE:</b> Adequate petroleum charge for an untested cell with total recovery ≥ minimum .....	<u>1.0</u>
2. <b>ROCKS:</b> Adequate reservoirs, traps, seals for an untested cell with total recovery ≥ minimum.	<u>1.0</u>
3. <b>TIMING:</b> Favorable geologic timing for an untested cell with total recovery ≥ minimum.....	<u>1.0</u>

**Assessment-Unit GEOLOGIC Probability** (Product of 1, 2, and 3):..... 1.0

4. **ACCESS:** Adequate location for necessary petroleum-related activities for an untested cell with total recovery ≥ minimum ..... 1.0

**NO. OF UNTESTED CELLS WITH POTENTIAL FOR ADDITIONS TO RESERVES IN THE NEXT 30 YEARS**

1. Total assessment-unit area (acres): (uncertainty of a fixed value)

minimum <u>2,231,000</u>	median <u>2,348,000</u>	maximum <u>2,583,000</u>
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2. Area per cell of untested cells having potential for additions to reserves in next 30 years (acres):  
(values are inherently variable)

calculated mean <u>150</u>	minimum <u>40</u>	median <u>140</u>	maximum <u>320</u>
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3. Percentage of total assessment-unit area that is untested (%): (uncertainty of a fixed value)

minimum <u>47</u>	median <u>57</u>	maximum <u>62</u>
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4. Percentage of untested assessment-unit area that has potential for additions to reserves in next 30 years (%): ( a necessary criterion is that total recovery per cell ≥ minimum)  
(uncertainty of a fixed value)

minimum <u>15</u>	median <u>22</u>	maximum <u>26</u>
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**TOTAL RECOVERY PER CELL**

Total recovery per cell for untested cells having potential for additions to reserves in next 30 years:

(values are inherently variable)

(mmbo for oil A.U.; bcfg for gas A.U.)      minimum 0.02      median 0.5      maximum 6

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**AVERAGE COPRODUCT RATIOS FOR UNTESTED CELLS, TO ASSESS COPRODUCTS**

(uncertainty of fixed but unknown values)

<u>Oil assessment unit:</u>	minimum	median	maximum
Gas/oil ratio (cfg/bo).....	<u>                    </u>	<u>                    </u>	<u>                    </u>
NGL/gas ratio (bngl/mmcf).....	<u>                    </u>	<u>                    </u>	<u>                    </u>

  

<u>Gas assessment unit:</u>			
Liquids/gas ratio (bliq/mmcf).....	<u>2</u>	<u>4</u>	<u>6</u>

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**SELECTED ANCILLARY DATA FOR UNTESTED CELLS**

(values are inherently variable)

<u>Oil assessment unit:</u>	minimum	median	maximum
API gravity of oil (degrees).....	<u>                    </u>	<u>                    </u>	<u>                    </u>
Sulfur content of oil (%).....	<u>                    </u>	<u>                    </u>	<u>                    </u>
Drilling depth (m) .....	<u>                    </u>	<u>                    </u>	<u>                    </u>
Depth (m) of water (if applicable).....	<u>                    </u>	<u>                    </u>	<u>                    </u>

  

<u>Gas assessment unit:</u>			
Inert-gas content (%).....	<u>0.01</u>	<u>0.25</u>	<u>0.50</u>
CO <sub>2</sub> content (%).....	<u>0.50</u>	<u>1.00</u>	<u>3.00</u>
Hydrogen-sulfide content (%).....	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>
Drilling depth (m).....	<u>500</u>	<u>1485</u>	<u>2275</u>
Depth (m) of water (if applicable).....	<u>                    </u>	<u>                    </u>	<u>                    </u>

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<u>Success ratios:</u>	calculated mean	minimum	median	maximum
Future success ratio (%).....	<u>94</u>	<u>90</u>	<u>94</u>	<u>97</u>

Historic success ratio, tested cells (%).. 97

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**ALLOCATIONS OF POTENTIAL ADDITIONS TO RESERVES TO STATES**  
**Surface Allocations** (uncertainty of a fixed value)

1. <u>Colorado</u>	represents	<u>22.24</u>	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>	minimum	median	maximum
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	<u>22</u>	_____
Portion of volume % that is offshore (0-100%)..	_____	<u>0</u>	_____
2. <u>New Mexico</u>	represents	<u>77.76</u>	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>	minimum	median	maximum
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	<u>78</u>	_____
Portion of volume % that is offshore (0-100%)..	_____	<u>0</u>	_____
3. _____	represents	_____	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>	minimum	median	maximum
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
4. _____	represents	_____	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>	minimum	median	maximum
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____

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5.	_____	represents	_____	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>		minimum	median	maximum
	Volume % in entity.....	_____	_____	_____
	Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>				
	Volume % in entity.....	_____	_____	_____
	Portion of volume % that is offshore (0-100%)..	_____	_____	_____
6.	_____	represents	_____	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>		minimum	median	maximum
	Volume % in entity.....	_____	_____	_____
	Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>				
	Volume % in entity.....	_____	_____	_____
	Portion of volume % that is offshore (0-100%)..	_____	_____	_____
7.	_____	represents	_____	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>		minimum	median	maximum
	Volume % in entity.....	_____	_____	_____
	Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>				
	Volume % in entity.....	_____	_____	_____
	Portion of volume % that is offshore (0-100%)..	_____	_____	_____
8.	_____	represents	_____	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>		minimum	median	maximum
	Volume % in entity.....	_____	_____	_____
	Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>				
	Volume % in entity.....	_____	_____	_____
	Portion of volume % that is offshore (0-100%)..	_____	_____	_____

**ALLOCATIONS OF POTENTIAL ADDITIONS TO RESERVES TO LAND ENTITIES**

**Surface Allocations** (uncertainty of a fixed value)

1. <u>Federal Lands</u>	represents	<u>43.75</u>	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>	minimum	median	maximum
Volume % in entity.....			
Portion of volume % that is offshore (0-100%)..			
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....		49	
Portion of volume % that is offshore (0-100%)..		0	
2. <u>Private Lands</u>	represents	<u>25.58</u>	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>	minimum	median	maximum
Volume % in entity.....			
Portion of volume % that is offshore (0-100%)..			
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....		25	
Portion of volume % that is offshore (0-100%)..		0	
3. <u>Tribal Lands</u>	represents	<u>26.46</u>	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>	minimum	median	maximum
Volume % in entity.....			
Portion of volume % that is offshore (0-100%)..			
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....		20	
Portion of volume % that is offshore (0-100%)..		0	
4. <u>Other Lands</u>	represents		areal % of the assessment unit
<u>Oil in oil assessment unit:</u>	minimum	median	maximum
Volume % in entity.....			
Portion of volume % that is offshore (0-100%)..			
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....			
Portion of volume % that is offshore (0-100%)..			

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5. <u>CO State Lands</u>	represents	<u>0.54</u>	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>	minimum	median	maximum
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	<u>1</u>	_____
Portion of volume % that is offshore (0-100%)..	_____	<u>0</u>	_____
6. <u>NM State Lands</u>	represents	<u>3.68</u>	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>	minimum	median	maximum
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	<u>5</u>	_____
Portion of volume % that is offshore (0-100%)..	_____	<u>0</u>	_____
7. _____	represents	_____	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>	minimum	median	maximum
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
8. _____	represents	_____	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>	minimum	median	maximum
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____

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9. _____	represents _____	areal % of the assessment unit	
<u>Oil in oil assessment unit:</u>	minimum	median	maximum
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
10. _____	represents _____	areal % of the assessment unit	
<u>Oil in oil assessment unit:</u>	minimum	median	maximum
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
11. _____	represents _____	areal % of the assessment unit	
<u>Oil in oil assessment unit:</u>	minimum	median	maximum
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
12. _____	represents _____	areal % of the assessment unit	
<u>Oil in oil assessment unit:</u>	minimum	median	maximum
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____

**ALLOCATIONS OF POTENTIAL ADDITIONS TO RESERVES TO FEDERAL LAND SUBDIVISIONS**

**Surface Allocations** (uncertainty of a fixed value)

1. <u>Bureau of Land Management (BLM)</u>	represents	<u>31.92</u>	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>	minimum	median	maximum
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	<u>42</u>	_____
Portion of volume % that is offshore (0-100%)..	_____	<u>0</u>	_____
2. <u>BLM Wilderness Areas (BLMW)</u>	represents	_____	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>	minimum	median	maximum
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
3. <u>BLM Roadless Areas (BLMR)</u>	represents	_____	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>	minimum	median	maximum
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
4. <u>National Park Service (NPS)</u>	represents	<u>0.00</u>	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>	minimum	median	maximum
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	<u>0</u>	_____
Portion of volume % that is offshore (0-100%)..	_____	<u>0</u>	_____



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5. <u>NPS Wilderness Areas (NPSW)</u>	represents	_____	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>	minimum	_____	maximum
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
6. <u>NPS Protected Withdrawals (NPSP)</u>	represents	_____	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>	minimum	_____	maximum
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
7. <u>US Forest Service (USFS)</u>	represents	11.12	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>	minimum	_____	maximum
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	5	_____
Portion of volume % that is offshore (0-100%)..	_____	0	_____
8. <u>USFS Wilderness Areas (USFSW)</u>	represents	_____	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>	minimum	_____	maximum
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____

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9. <u>USFS Roadless Areas (USFSR)</u>	represents	areal % of the assessment unit		
<u>Oil in oil assessment unit:</u>	minimum	median	maximum	
Volume % in entity.....	_____	_____	_____	
Portion of volume % that is offshore (0-100%)..	_____	_____	_____	
<u>Gas in gas assessment unit:</u>				
Volume % in entity.....	_____	_____	_____	
Portion of volume % that is offshore (0-100%)..	_____	_____	_____	
10. <u>USFS Protected Withdrawals (USFSP)</u>	represents	areal % of the assessment unit		
<u>Oil in oil assessment unit:</u>	minimum	median	maximum	
Volume % in entity.....	_____	_____	_____	
Portion of volume % that is offshore (0-100%)..	_____	_____	_____	
<u>Gas in gas assessment unit:</u>				
Volume % in entity.....	_____	_____	_____	
Portion of volume % that is offshore (0-100%)..	_____	_____	_____	
11. <u>US Fish and Wildlife Service (USFWS)</u>	represents	areal % of the assessment unit		
<u>Oil in oil assessment unit:</u>	minimum	median	maximum	
Volume % in entity.....	_____	_____	_____	
Portion of volume % that is offshore (0-100%)..	_____	_____	_____	
<u>Gas in gas assessment unit:</u>				
Volume % in entity.....	_____	_____	_____	
Portion of volume % that is offshore (0-100%)..	_____	_____	_____	
12. <u>USFWS Wilderness Areas (USFWSW)</u>	represents	areal % of the assessment unit		
<u>Oil in oil assessment unit:</u>	minimum	median	maximum	
Volume % in entity.....	_____	_____	_____	
Portion of volume % that is offshore (0-100%)..	_____	_____	_____	
<u>Gas in gas assessment unit:</u>				
Volume % in entity.....	_____	_____	_____	
Portion of volume % that is offshore (0-100%)..	_____	_____	_____	

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13. <u>USFWS Protected Withdrawals (USFWSP)</u>	represents	areal % of the assessment unit	
<u>Oil in oil assessment unit:</u>	minimum	median	maximum
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
14. <u>Wilderness Study Areas (WS)</u>	represents	areal % of the assessment unit	
<u>Oil in oil assessment unit:</u>	minimum	median	maximum
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
15. <u>Department of Energy (DOE)</u>	represents	areal % of the assessment unit	
<u>Oil in oil assessment unit:</u>	minimum	median	maximum
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
16. <u>Department of Defense (DOD)</u>	represents	areal % of the assessment unit	
<u>Oil in oil assessment unit:</u>	minimum	median	maximum
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____

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17. Bureau of Reclamation (BOR)	represents	0.70	areal % of the assessment unit	
<u>Oil in oil assessment unit:</u>	minimum		median	maximum
Volume % in entity.....	_____		_____	_____
Portion of volume % that is offshore (0-100%)..	_____		_____	_____
<u>Gas in gas assessment unit:</u>				
Volume % in entity.....	_____		2	_____
Portion of volume % that is offshore (0-100%)..	_____		0	_____
18. Tennessee Valley Authority (TVA)	represents		areal % of the assessment unit	
<u>Oil in oil assessment unit:</u>	minimum		median	maximum
Volume % in entity.....	_____		_____	_____
Portion of volume % that is offshore (0-100%)..	_____		_____	_____
<u>Gas in gas assessment unit:</u>				
Volume % in entity.....	_____		_____	_____
Portion of volume % that is offshore (0-100%)..	_____		_____	_____
19. Other Federal	represents		areal % of the assessment unit	
<u>Oil in oil assessment unit:</u>	minimum		median	maximum
Volume % in entity.....	_____		_____	_____
Portion of volume % that is offshore (0-100%)..	_____		_____	_____
<u>Gas in gas assessment unit:</u>				
Volume % in entity.....	_____		_____	_____
Portion of volume % that is offshore (0-100%)..	_____		_____	_____
20. _____	represents		areal % of the assessment unit	
<u>Oil in oil assessment unit:</u>	minimum		median	maximum
Volume % in entity.....	_____		_____	_____
Portion of volume % that is offshore (0-100%)..	_____		_____	_____
<u>Gas in gas assessment unit:</u>				
Volume % in entity.....	_____		_____	_____
Portion of volume % that is offshore (0-100%)..	_____		_____	_____

**ALLOCATIONS OF POTENTIAL ADDITIONS TO RESERVES TO ECOSYSTEMS**

**Surface Allocations** (uncertainty of a fixed value)

1. <u>Grand Canyon Lands (GDCL)</u>	represents	<u>5.46</u>	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>	minimum	median	maximum
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	<u>5</u>	_____
Portion of volume % that is offshore (0-100%)..	_____	<u>0</u>	_____
2. <u>Navajo Canyonlands (NVCL)</u>	represents	<u>60.77</u>	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>	minimum	median	maximum
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	<u>87</u>	_____
Portion of volume % that is offshore (0-100%)..	_____	<u>0</u>	_____
3. <u>South-Central Highlands (SCHL)</u>	represents	<u>15.34</u>	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>	minimum	median	maximum
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	<u>3</u>	_____
Portion of volume % that is offshore (0-100%)..	_____	<u>0</u>	_____
4. <u>White Mountain-San Francisco Peaks (WMSF)</u>	represents	<u>18.43</u>	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>	minimum	median	maximum
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	<u>5</u>	_____
Portion of volume % that is offshore (0-100%)..	_____	<u>0</u>	_____

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5.	_____	represents	_____	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>		minimum	median	maximum
	Volume % in entity.....	_____	_____	_____
	Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>				
	Volume % in entity.....	_____	_____	_____
	Portion of volume % that is offshore (0-100%)..	_____	_____	_____
6.	_____	represents	_____	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>		minimum	median	maximum
	Volume % in entity.....	_____	_____	_____
	Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>				
	Volume % in entity.....	_____	_____	_____
	Portion of volume % that is offshore (0-100%)..	_____	_____	_____
7.	_____	represents	_____	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>		minimum	median	maximum
	Volume % in entity.....	_____	_____	_____
	Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>				
	Volume % in entity.....	_____	_____	_____
	Portion of volume % that is offshore (0-100%)..	_____	_____	_____
8.	_____	represents	_____	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>		minimum	median	maximum
	Volume % in entity.....	_____	_____	_____
	Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>				
	Volume % in entity.....	_____	_____	_____
	Portion of volume % that is offshore (0-100%)..	_____	_____	_____

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9. _____	represents _____	areal % of the assessment unit	
<u>Oil in oil assessment unit:</u>	minimum	median	maximum
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
10. _____	represents _____	areal % of the assessment unit	
<u>Oil in oil assessment unit:</u>	minimum	median	maximum
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
11. _____	represents _____	areal % of the assessment unit	
<u>Oil in oil assessment unit:</u>	minimum	median	maximum
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
12. _____	represents _____	areal % of the assessment unit	
<u>Oil in oil assessment unit:</u>	minimum	median	maximum
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____

**ALLOCATIONS OF POTENTIAL ADDITIONS TO RESERVES TO LAND ENTITIES**  
**Subsurface Allocations** (uncertainty of a fixed value)

Based on Data as of: \_\_\_\_\_

1. <u>All Federal Subsurface</u>	represents	_____	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>	minimum	_____	_____
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
2. <u>Other Subsurface</u>	represents	_____	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>	minimum	_____	_____
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____